

Recovery Plan Action Status

Plan Name: Leon Springs Pupfish Recovery Plan

Plan Status: Final

Plan Date: 14-Aug-85

Lead Agency: USFWS

Lead Office: Austin Ecological Services Field Office

(914)
490-0057)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Leon Springs pupfish (Cyprinodon bovinus)	3	1.11	Study competition with coexisting species	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Competition	Contract, Graduate Student	Tasks 1.11 thru 1.16 could be best accomplished if funded & conducted as one 3 year study
Leon Springs pupfish (Cyprinodon bovinus)	3	1.12	Study reproduction variables	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.13	Investigate predation	Obsolete			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Work type not yet selected	Labor type not yet selected	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.14	Determine survivorship	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Demographic Studies	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.15	Investigate disease and parasites	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Disease	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.16	Study impacts by exotics	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.21	Determine abundance at different locations	Ongoing Current	FY 2007		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Population Monitoring	Contract, Graduate Student	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Leon Springs pupfish (Cyprinodon bovinus)	3	1.22	Investigate impact of other fishes	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.23	Obtain physiological data	Not Started			U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	2	1.31-1.34	Manage habitat	Ongoing Current	Prior to FY 1995		Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Acquisition: Fee Title, Management: Habitat Maintenance and Manipulation	Labor type not yet selected	
Leon Springs pupfish (Cyprinodon bovinus)	1	1.35, 1.36	Conduct hydrological review	Ongoing Not Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Research: Other Information	Contract, Graduate Student	
Leon Springs pupfish (Cyprinodon bovinus)	3	1.37	Prepare management plans	Not Started			Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Habitat Maintenance and Manipulation	Labor type not yet selected	
Leon Springs pupfish (Cyprinodon bovinus)	2	1.38	Monitor existing populations	Ongoing Current	FY 2007		Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Population Monitoring	Contract, Graduate Student, Internal Field Assistance	
Leon Springs pupfish (Cyprinodon bovinus)	3	2.1	Culture Leon Springs pupfish at Dexter NFH	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Fisheries Resource Division, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Propagation	Internal Field Assistance, Internal Technical Assistance	Dexter NFHTC

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Leon Springs pupfish (Cyprinodon bovinus)	3	2.2	Reintroduce fish into Lake Leon	Not Started			U.S. Fish and Wildlife Service, Fisheries Resource Division, Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Management: Reintroduction	Labor type not yet selected	
Leon Springs pupfish (Cyprinodon bovinus)	3	3.1	Prepare information pamphlet	Not Started			Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Information and Education	Contract	
Leon Springs pupfish (Cyprinodon bovinus)	3	3.2	Produce motion picture	Not Started			Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Information and Education	Contract	
Leon Springs pupfish (Cyprinodon bovinus)	3	4.1	Provide status information	Ongoing Current	Prior to FY 1995		Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 2	Other: Information and Education	Internal Administrative	Austin ESFO
Leon Springs pupfish (Cyprinodon bovinus)	2	4.2	Provide Section 7 consultation	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Ecological Services Division, USFWS Regional Office 2	Other: Regulations	Internal Technical Assistance	Austin ESFO